



Manufacturer of Industrial,  
Protective, Marine Traffic, Automotive  
& Decorative Paints



## Epoxy Flooring

## KRS-254



### Description & Recommended Use

It is a two-component primer base on epoxy resin and polyamine as a hardener. It is generally applied in hospitals, sport stadiums, workrooms, and factories to protect its cemented or concrete surfaces against water, oils, acids, alkalis, and other chemicals

### Surface Preparation

The surface should be free from any rust, moisture, mill scale, oil and grease

Mechanical and chemical surface preparation methods should be performed depending on the type of contamination, the coating system environmental condition and service life.

Apply the epoxy flooring immediately followed by surface preparation.

### Data Sheet / Technical Data at 25 ° C

Binder	epoxy – polyamide
Components	Two
Colour	white
Finish	gloss
Density (gr/cm <sup>3</sup> ) (A+B)	1/6±0.1
sold Contents (by weight) (A+B)	100%±1
Solid Contents (by volume) (A+B)	100%±1
Dry film thickness(μ)	2 mm
Theoretical coverage at 50μ	5 m <sup>2</sup> /lit
Flash point	110 ° C
Storage condition	12 Month

### Technical Application Details at 25 ° C

Curing mechanism	Chemical reaction & solvent release
Mixing ratio (by weight) (A/B)	80/2
Mixing ratio (by volume) (A/B)	69/31
Pot life	0/5 hr
Thinner	----
Dry to touch	8 hr
Dry to handle	24 hr
Fully cured	3 weeks
Min. time to overcoat	24 hr
Max. time to overcoat	72 hr
Shelf life (Standard condition)	6 Month

### Description

#### Application Equipment

Conventional Spray

Airless Spray

Brush



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## Code

### Environmental Conditions

Air temperature: 10°C – 40°C

Surface temperature: 10°C – 40°C

To prevent moisture condensation

During application surface temperature

Must be at 3 °C above the dew point

## Application procedure

Flush equipment with cleaner before use

Stir two components with a power mixer. Notice pot life time and mixing ratio

Use Shakiba`s thinner for adjusting the viscosity

The thinner should be added gradually

The consumption depends on temperature and type of equipment and thickness paint

Clean all equipment with Shakiba`s thinner

## Safety

This product is flammable it must be kept away from heat, flash & flame

keep container closed use with adequate ventilation & Earth

Prolonged & repeated contact with skin may be harmful

In case of eye contact flush with plenty of water and check with a medical doctor.

## Note

Density, solid contents theoretical coverage is dependent on colour

Pot life, drying time is dependent on air and steel temperature, applied film thickness.

Never apply coatings under environmental condition.

Adjusting the viscosity & pressure. For better adhesion on un steel, we offer wash primer as on under.

This information given 25°C temperature

and changed temperature cause to change data.

Don't use different thinner; otherwise, we decline all responsibilities of it.

For more information, please call to sale engineering expert.



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